

Dear Examiner Zewari:

For the Examiners Amendment, here are the claim amendments we discussed for this application and an explanation of the changes I made.

Please let me know if you need anything further.

Sincerely,

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I. CLAIM AMENDMENTS

1-11. (Cancelled)

12. (Currently Amended) A mobile phone comprising:

a transmitter for transmitting blocks of digital data, the transmitter comprising radio transmitter circuitry and processing means, the processing means including a memory storing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner, wherein the processing means is configured to:

process at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

concatenate data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

interleave said block; and

transmit said block,

wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

13. (Currently Amended) A transmitter according to claim 12, wherein said defined transmission times are integer multiples of the transmission time corresponding to said interleaving depth.

Deleted: claim 11

14. (Currently Amended) A transmitter according to claim 12, including a receiving means for receiving a signal defining said set of processing manners

Deleted: claim 11

15. (Original) A transmitter according to claim 14, wherein the processing means includes a memory storing data representing a plurality of processing manners and the processing means is configured for selecting from said stored data in response to said signal defining said set of processing manners.

16. (Currently Amended) A transmitter according to claim 12, wherein each processing manner includes an interleaving process definition.

Deleted: claim 11

17. (Original) A transmitter according to claim 16, wherein the processing means is configured such that the interleaving according to an interleaving process definition is only performed if the transmission time of the same processing manner is greater than the least of the transmission times of said set.

18. (Cancelled)

19. (Cancelled)

20. (Currently Amended) A base station for a mobile phone network comprising:

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a transmitter, for transmitting blocks of digital data, the transmitter comprising radio transmitter circuitry and processing means, the processing means including a memory storing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner, wherein the processing means is configured to:

Deleted: according to claim 12

process at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

concatenate data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

interleave said block; and

transmit said block.

wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

21-22. (Cancelled)

23. (Currently Amended) A method of operating a mobile phone, comprising:

transmitting a block of digital data using radio transmitter circuitry, said transmitting comprising:

Deleted: the method

establishing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner,

processing at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

concatenating data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

interleaving said block; and

transmitting said block,

wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

24. (Previously Presented) A method according to claim 23, wherein said defined transmission times are integer multiples of the transmission time corresponding to said interleaving depth.

25. (Previously Presented) A method according to claim 23, including receiving a signal defining said set of processing manners.

26. (Previously Presented) A method according to claim 25, including storing data representing a plurality of processing manners and selecting from said stored data in response to said signal defining said set of processing manners.

27. (Previously Presented) A method according to claim 23, wherein each processing manner includes an interleaving process definition.

28. (Previously Presented) A method according to claim 27, wherein interleaving according to an interleaving process definition is only performed if the transmission time of the same processing manner is greater than the least of the transmission times of said set.

29.-30. (Cancelled)

31. (New) A method of operating a base station for a mobile phone network, comprising:

transmitting a block of digital data using radio transmitter circuitry, said transmitting comprising:

establishing data representing a set of processing manners, said data defining a block size and a transmission time therefor for each processing manner,

processing at least one data flow, the or each data flow being processed according to manners selected from said set of processing manners;

concatenating data from the or each data flow and a code identifying said selected manner or manners to produce a block of concatenated data;

interleaving said block; and

transmitting said block,

wherein the depth of said interleaving corresponds to a transmission time not greater than the least of said defined transmission times.

II. REMARKS

1. Claims 12-17, 20, and 23-28 remain in the application. Claims 1-11, 8, 19, 21, 22, 29, and 30 have been cancelled without prejudice. Claim 31 is new. Claims 12-14, 16, 20, and 23 have been amended.

2. Thank you for the courtesies extended during the telephone conversations on the 14th and 22nd of September 2010. I have combined the features of claims 18 and 19 into apparatus claim 12, and have combined the features of claims 12 and 18 into apparatus claim 20. It is my understanding that resulting claims 12 and 20 are now allowable.

3. Method claim 23 corresponds to apparatus claim 12. Accordingly, I have included the features of claims 18 and 19 into claim 23. In addition, I have combined the features of claims 18, 20, and 23 into new claim 31. As a result, amended claim 23 now corresponds to amended claim 12 and new claim 31 corresponds to amended claim 20. I respectfully submit that amended claim 23 and new claim 31 are allowable.

The remaining claims all depend from claim 12 or 23 and should be allowable at least because of their dependencies.